Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	107614	(profile length width) near5 (mark groove pit)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:53
L2	55502	(profile length width) near5 (non-mark land nonpit non-pit plane)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:54
L3	4684	(asymmetry difference symmetry) same 1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:55
L4	2933	(asymmetry difference symmetry) same 2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:56
L5	336	3 same 4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 14:56
L6	46	5.ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:00
L7	29	5 same asymmetry	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:09
L8	174267	delay$4 near6 signal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:09
L9	35252	multipl$5 near8 coefficient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:10
L10	1038	detect$4 near6 asymmetry	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:11
L11	26	8 and 9 and 10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:18
L12	10	11 and 1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:21
L13	4	11 and 2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/14 15:21

File 348:EUROPEAN PATENTS 1978-2004/Aug W05
          (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040902,UT=20040826
          (c) 2004 WIPO/Univentio

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Set      Items   Description
S1       73136   (SHAPE? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N)-
                 (MARK??? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? -
                 OR PREPIT?? OR PREGROOVE?? OR INDENTATION??)
S2       38011   (STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(MA-
                 RK?? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? OR P-
                 REPIT?? OR PREGROOVE?? OR INDENTATION??)
S3        3158   (SHAPE?? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N-
                 )(NON()MARK?? OR NONMARK?? OR LAND??)
S4        2625   (STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(NO-
                 N()MARK?? OR NONMARK?? OR LAND??)
S5       22104   (DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-
                 ?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-
                 5N)(ASYMMETR???? OR NON()SYMMETR???? OR DISTORT????? OR ABNOR-
                 MAL???? OR IRREGULAR????)
S6      331565   CD OR CDS OR CDROM? OR DISK? ? OR DISC? ? OR DVD OR DISKET-
                 T?? OR HDD OR HARDDIS?? OR (RECORD??? OR MAGNETIC??)(2N)(MEDI-
                 UM?? OR MEDIA??)
S7        7601   (DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-
                 ?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-
                 5N)(S1 OR S2)
S8         234   (DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-
                 ?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-
                 7N)(S3 OR S4)
S9         223   AU=(MIYASHITA H? OR MIYASHITA, H? OR KONISHI S? OR KONISHI,
                 S?)
S10        902   AU=(NAKAMURA A? OR NAKAMURA, A? OR NAKAJIMA T? OR NAKAJIMA,
                 T? OR MINAMINO J? OR MINAMINO, J?)
S11       1116   S9 OR S10
S12         90   S11 AND (S1 OR S2) ·
S13          7   S12(S)(S3 OR S4)
S14         70   S7 AND S8
S15         52   S14(S)S6
S16         40   S15 NOT AD=20001031:20040907/PR
S17         54   S7(S)S8
S18         33   S17 AND S16
S19         33   S18 NOT S13
S20         48   S17 AND IC=G11B?
S21        315   S5(S)(S1 OR S2)
S22         11   S21(S)(S3 OR S4)
S23         11   S22 NOT (S19 OR S13)
S24       1040   (S1 OR S2)(S)(S3 OR S4)
S25        297   S24(5N)S6
S26          6   S25(S)(ASYMMETR???? OR NON()SYMMETR????)
S27          7   S25(S)(COMBIN??? OR MIX???)
S28          6   S26 NOT (S19 OR S13)
S29          5   S27 NOT (S13 OR S19 OR S22 OR S28)
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Set	Items	Description
S1	104908	(SHAPE? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N)-(MARK??? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? - OR PREPIT?? OR PREGROOVE?? OR INDENTATION??)
S2	37579	(STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(MA-RK?? OR PIT?? OR GROOVE?? OR PRE()PIT?? OR PRE()GROOVE?? OR P-REPIT?? OR PREGROOVE?? OR INDENTATION??)
S3	2285	(SHAPE?? OR PROFILE?? OR LENGTH?? OR SIZE?? OR DEPTH??)(5N-)(NON()MARK?? OR NONMARK?? OR LAND??)
S4	3561	(STRUCTUR??? OR FORMAT??? OR PATTERN?? OR DETAIL??)(5N)(NO-N()MARK?? OR NONMARK?? OR LAND??)
S5	72049	(DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-5N)(ASYMMETR???? OR NON()SYMMETR???? OR DISTORT????? OR ABNOR-MAL???? OR IRREGULAR????)
S6	899920	CD OR CDS OR CDROM? OR DISK? ? OR DISC? ? OR DVD OR DISKET-T?? OR HDD OR HARDDIS?? OR (RECORD??? OR MAGNETIC??)(2N)(MEDI-UM?? OR MEDIA??)
S7	5187	(DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-5N)(S1 OR S2)
S8	175	(DETECT??? OR MONITOR??? OR SEEK??? OR SENS??? OR IDENTI??-?? OR DETERMIN??? OR ANALY???? OR EVALUAT??? OR CALCULAT???)(-7N)(S3 OR S4)
S9	16661	AU=(NAKAMURA A? OR NAKAMURA, A? OR NAKAJIMA T? OR NAKAJIMA, T? OR MINAMINO J? OR MINAMINO, J?)
S10	3449	AU=(MIYASHITA H? OR MIYASHITA, H? OR KONISHI S? OR KONISHI-,S?)
S11	20085	S9 OR S10
S12	158	S11 AND (S1 OR S2)
S13	3	S12 AND (S3 OR S4)
S14	15	S7 AND S8
S15	15	S14 NOT S13
S16	11	S15 NOT AD=20001031:20040907/PR
S17	213	S5 AND (S1 OR S2)
S18	2	S17 AND (S3 OR S4)
S19	12752	S6 AND (S1 OR S2)
S20	349	S19 AND (S3 OR S4)
S21	210	S20 AND (S1 AND S3)
S22	203	S21 AND IC=G11B?
S23	4	S22 AND (ASYMMETR???? OR NON()SYMMETR???? OR ABNORMAL???? - OR IRREGULAR????)
S24	2	S23 NOT S18
S25	5	S20 AND (ASYMMETR???? OR NON()SYMMETR???? OR ABNORMAL???? - OR IRREGULAR????)
S26	1	S25 NOT S23
S27	167	S21 NOT AD=20001031:20040907/PR
S28	4	S27 AND WAVEFORM?
S29	6	S27 AND (COMBIN? OR MIX? OR INTEGRAT?)
S30	5	S29 NOT (S16 OR S18 OR S24 OR S26 OR S28)

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                 7N)(S3 OR S4)
S9        73    S7 AND S5
S10        3    S9 AND S6
S11        2    RD (unique items)
S12       31    S7 AND S8
S13       22    RD (unique items)
S14       16    S13 NOT PY>2000
S15      355    S5 AND (S1 OR S2)
S16        1    S15 AND (S3 OR S4)
S17     4899    AU=(MIYASHITA H? OR MIYASHITA, H? OR KONISHI S? OR KONISHI,
                S?)
S18    29467    AU=(NAKAMURA A? OR NAKAMURA, A? OR NAKAJIMA T? OR NAKAJIMA,
                T? OR MINAMINO J? OR MINAMINO, J?)
S19    34329    S17 OR S18
S20       88    S19 AND (S1 OR S2)
S21        0    S20 AND (S3 OR S4)
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